

What is claimed is:

1. A thermoplastic composition comprising:

a compatibilized poly(arylene ether)/polyamide composition; and

an adhesion promoter selected from the group consisting of alpha-beta unsaturated carboxylic acid copolymers, polymers with pendant epoxy groups and combinations of two or more of the foregoing.
2. The thermoplastic composition of claim 1, wherein the composition further comprises electrically conductive filler.
3. The thermoplastic composition of claim 2, wherein the electrically conductive filler comprises conductive carbon black.
4. The thermoplastic composition of claim 1, wherein the polyamide is selected from the group consisting of nylon-6, nylon-6,6, nylon-4,6, nylon-12, nylon 6,9, nylon 6/6T, PA9T, and combinations of two or more of the foregoing polyamides.
5. The thermoplastic composition of claim 1, wherein the adhesion promoter further comprises a polyester ionomer.
6. The thermoplastic composition of claim 1, further comprising an impact modifier.
7. The thermoplastic composition of claim 6, wherein the impact modifier is selected from the group consisting of polystyrene-polybutadiene, polystyrene-polyisoprene, poly(alpha-methyl styrene)-polybutadiene, polystyrene-polybutadiene-polystyrene, polystyrene-polyisoprene-polystyrene, polystyrene-poly(ethylene-butylene)-polystyrene triblock copolymer, polystyrene-poly(ethylene-propylene) diblock copolymer, poly(alpha-methylstyrene)-polybutadiene-poly(alpha-methylstyrene) and combinations of two or more of the foregoing impact modifiers.
8. The thermoplastic composition of claim 1, further comprising an antioxidant.

9. The thermoplastic composition of claim 8, wherein the antioxidant is selected from the group consisting of phenolic antioxidants, 3-arylbenzofuranones, the hindered amine stabilizers, ultraviolet light absorbers, alkaline metal salts of fatty acids, hydrotalcites, epoxydized soybean oils, hydroxylamines, tertiary amine oxides, thiosynergists, and mixtures of two or more of the foregoing antioxidants

10. The thermoplastic composition of claim 1, further comprising a metal salt.

11. The thermoplastic composition of claim 1, wherein the poly(arylene ether) is present in an amount of about 20 to about 50 weight percent, based on the total weight of the thermoplastic composition, the polyamide is present in an amount of about 30 to about 65 weight percent, based on the total weight of the thermoplastic composition, and the adhesion promoter is present in an amount sufficient to improve paint adhesion when compared to a comparable composition not containing the adhesion promoter.

12. A molded article comprising the thermoplastic composition of claim 1.

13. A thermoplastic composition comprising:

a compatibilized poly(arylene ether)/polyamide composition comprising about 20 to about 50 weight percent poly(arylene ether) and about 30 to about 65 weight percent polyamide, based on the total weight of the thermoplastic composition;

about 1 to about 25 weight percent of an impact modifier, based on the total weight of the thermoplastic composition;

about 0.1 to about 15 weight percent of an electrically conductive filler, based on the total weight of the thermoplastic composition; and

about 0.1 to about 5 weight percent of an adhesion promoter selected from the group consisting of acrylic acid copolymers and polymers with pendant epoxy groups, and combinations of the foregoing wherein all weight percents are based on the total weight of the composition.

14. A thermoplastic composition, produced by a process comprising:

melt mixing a compatibilized poly(arylene ether) polyamide composition with an adhesion promoter selected from the group consisting of alpha-beta unsaturated carboxylic acid copolymers, polymers with pendant epoxy groups and combinations of two or more of the foregoing.
15. The thermoplastic composition of claim 14 wherein the compatibilized poly(arylene ether) polyamide composition further comprises an impact modifier.
16. The thermoplastic composition of claim 14 wherein the compatibilized poly(arylene ether) polyamide composition further comprises an anti-oxidant.
17. The thermoplastic composition of claim 14 further comprising a metal salt.
18. The thermoplastic composition of claim 14 wherein the compatibilized poly(arylene ether) polyamide composition further comprises an electrically conductive filler.
19. A molded part comprising the thermoplastic composition of claim 14.